

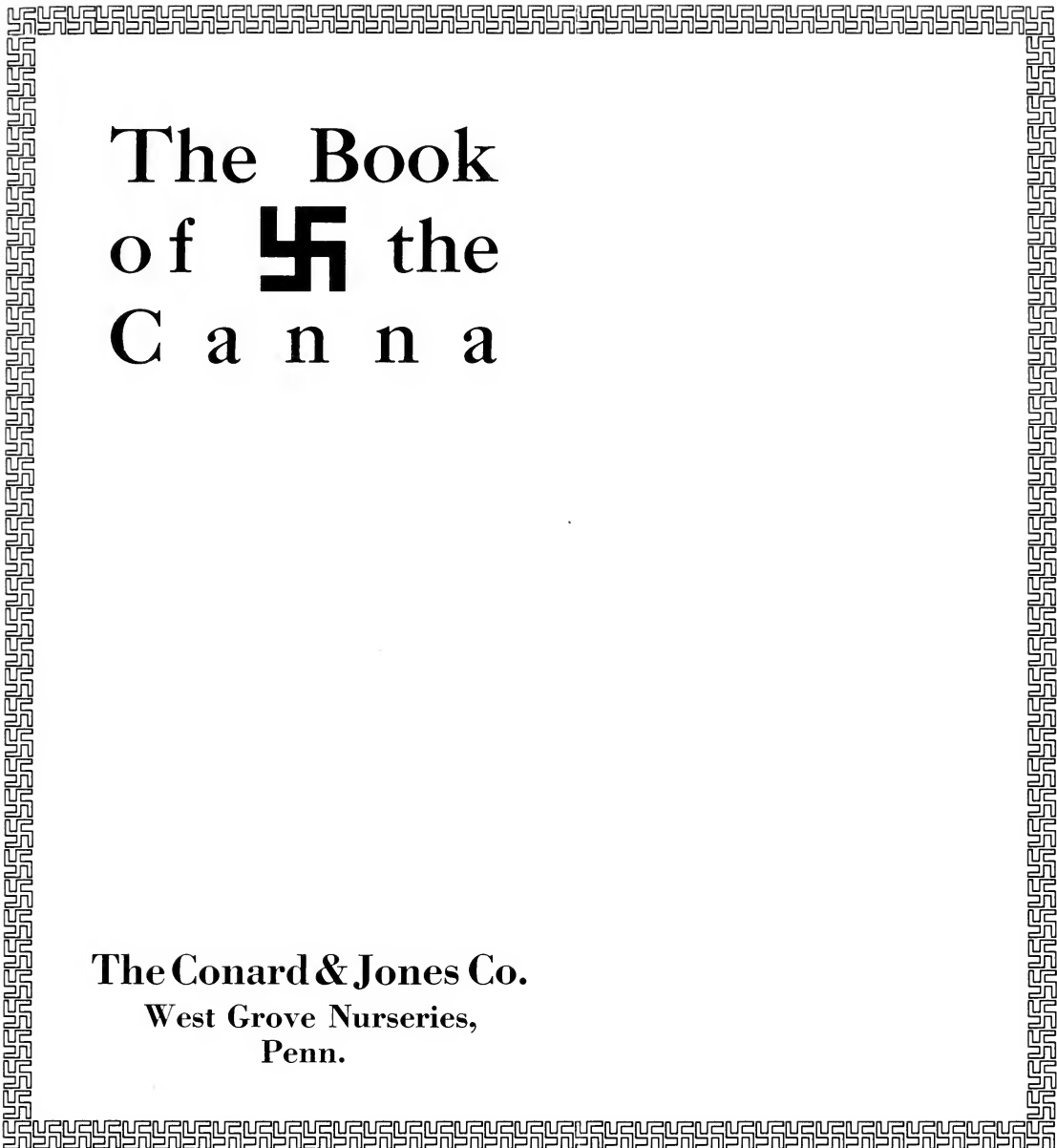
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The Book of the Cannan







The Book of the C a n n a

The Conard & Jones Co.
West Grove Nurseries,
Penn.

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A Little Sojourn To The Home Of The Canna Wizard

As Told by Leddra Tuthill

THE way the sojourn came about was like this. On the train going to Philadelphia one night last Fall I chanced to meet Mr. Pyle, the helmsman of The Conard & Jones Company. He was just returning from a meeting of Rose enthusiasts—the kind that have done and are doing some of the big things with this floral queen.

From talking of the new Roses and the men who are so deeply interested in their development, our conversation naturally turned to Antoine Wintzer, and his wonderful part in the glorifying of the Canna.

My keen interest in the things that Mr. Pyle told about Mr. Wintzer's years of patience—the failures and the crowning successes, must have been reflected in my face, for suddenly Mr. Pyle said: "Come out and see us some day and get acquainted with Mr. Wintzer and his Canna children."

And so it was that on a lovely October day I dropped off the train at West Grove station, and in happy anticipation, went up the hill and along that winding Honey-suckle lined road to The Conard & Jones office. After being made very much at

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home by Mr. Pyle's cordial welcome, we set out for the greenhouses to find The Canna Wizard.

In a sun-flooded house we found him, surrounded by his Canna children. From bloom to bloom he went in his mysteriously wonderful work of hybridizing by skilfully intermingling their golden pollens.

The strong high-headed bloom habits of one he was endeavoring to infuse with the rich colorings of another that lacked backbone. Some colors he was working to deepen; others to come pure in tone. The green foliage of one variety he was developing toward the bronze. It might take years to do it—but to the true hybridizer time seems scarce a factor in his thoughts. He must work continuously and lovingly as if life were never ending.

For twelve years this man labored untiringly to produce the then unheard of white Canna. When it was at last a certainty he worked still three years more for its final charming refinement. Fifteen years! Think of it!

To you and me it seems a very long time to wait from even one year till the next, for our hardy flower plants to start blooming. But in comparison, how trivial it seems. How really petulent you and I have been.

From the greenhouse we went out to the Canna fields—acres of them still unharmed by Jack Frost. Ribbons of color in rainbowic profusion. Up and down the rows we walked; Mr. Wintzer stopping here and there to either scold or caress them, just as wayward or good children deserve.

He talked delightfully of his ambitions for some, and regretfully of his disappointments in others.

Over eighty new varieties are already his creations, yet all the while this man is evidently living in things ahead, dreaming of his Cannas of the future.

Finally—and regretfully—it was time to depart, and Mr. Wintzer walked along with me to the top of the hill.

In leaving, I asked him what was the strongest factor in his success. Without a moment's hesitation he said: "Continuity counts—yes, continuity counts."

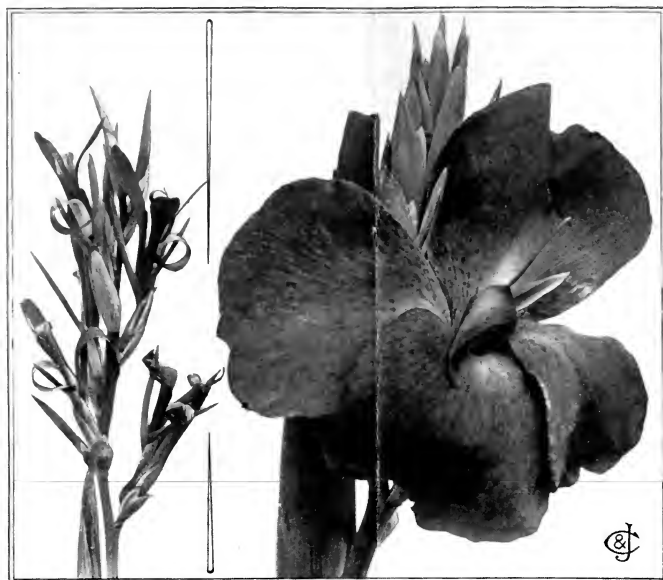
And so, giving me these heavily freighted thought words, he shook hands, and, with uncommon reluctance, I said farewell.

Over and over his words rang in my ears. With the click click of the train's wheels over the rail joints, they kept saying, "Continuity counts—continuity counts." The engine in its puffing said it.

That night I wrote those words with a stub pen across the color reproduction of one of Wintzer's Cannas, and put it where I can see it first thing every morning.

Next Summer I shall have Wintzer's children coloring my garden; romping on the lawn, and playing beneath my bedroom window.

I know it will be quite the happiest Summer yet, for we shall keep on keeping happy, because it is "Continuity that counts."



This picture tells the story of the canna's evolution. It shows the difference between a "just *grow*" and a "just *so*" canna; or the original native and the Swastika Brand Canna. Also it symbolizes the many years of patient study and work in canna culture.

The Canna's Ancestors



HE common ancestor of the Canna is the "Indian Shot" plant. It is a native of the tropics.

Three hundred years ago travelers to the West Indies, Florida, South and Central America found it there in abundance.

It loved the warm, moist soil of the marshes and grew lush and strong—often to the height of seven or eight feet.

It was a plant of general utility. The natives used its foliage for bedding and its roots for food.

The latter they prepared in two ways: one, much as we do sweet potatoes, and the other by drying and pulverizing to a powder known as arrowroot.

It is also interesting to note that the seeds were often strung together, as beads, and worn by the natives as ornaments. These seeds were hard and pellet-like, and for this reason the plant was called the "Indian Shot."

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The flowers of the "Indian Shot" were poor and scanty. They quickly faded in the scorching sun and fell from the stem. But its foliage was handsome—strikingly so—and undoubtedly that is the reason it was taken on a little journey to Europe by the discriminating traveler or collector. He realized the Canna's possibilities as an ornamental plant, provided it would stand soil and climatic changes.

Happily neither the voyage nor new conditions hurt the Canna. It adapted itself quickly to circumstances and earned a reputation as a leading plant of real merit. As such it filled its niche until 1848.

In that year a Frenchman—C. Annee—exhibited a flower that had a bloom described as "fully developed."

This caused horticulturists to look with increased interest on Canna culture, and bloom development took on a new phase.

Fifteen years later the Mme. Crozy, a Canna of French development, made its appearance and with it came a new epoch in Canna history. It is now looked upon as one of the most distinguished of the Canna's ancestors.

It introduced a new variety into the Canna family—that of the dwarf. Among this class are some of the most popular Cannas of the present day. Crossing of Mme. Crozy and the Flaceda Cannas gave to us "Italia" and "Austria," Canna celebrities, which were the first of the Orchid-flowering sorts. Until 1893 Europe practically held the Canna breeding field exclusively. In that year, however, Dr. Walter Van Fleet introduced in America a new dwarf red Canna, Flamingo, which created much interest. The size and beauty of its blooms and wealth of foliage made it an ideal breeding Canna. He was also the first to succeed in seeding Ehemanni. Many of our famous pinks trace their parentage to Ehemanni; among these is "Pink Ehemanni," which, in turn, threw a Wintzer Maiden's Blush and gave to us the Martha Washington, Rosea Gigantea, and later Mrs. Alfred F. Conard. About this time came Alsace, and later the Duke of Marlboro—a rich red—the progenitor of most of our finest reds, all these since Allemania introduced by Conard & Jones.

This was followed by Mont Blanc, an improved white. Repeated crossings resulted, after 15 years' work, in Blanche Wintzer—a dazzling white.

Other notable ancestors of the Canna family are: Black Prince, William Saunders, Juanita and Minnehaha—all Cannas with character.

Not only is the bloom improved in these last-named varieties, but a change has been effected in the color of foliage. They are in all the elusive shades of bronze.

From these famous ancestors the Canna has been in a constant state of evolution. Its progress has been a very remarkable one. From the "Indian Shot" to the "Swastika" is a far cry. But nature, assisted by man's understanding and continuity of effort, has accomplished the transformation. From being "a mite of a bloom," the Canna, can now boast of flowers 6 inches across. Wintzer's Colossal is 8 inches in breadth. Instead of being limited in color to red and spotted yellow, the Canna now vies with the rainbow in its range and beauty.

How The Canna Came Into Its Own



UCH men as Crozy, Van Fleet, Sprengers, Pfitzer, Wintzer, and others are responsible for making the Canna a thing of beauty.

They have hybridized conscientiously and continuously, eliminating the weaknesses and improving the type, until we have the Canna magnificent.

From being almost a weed the Canna has become a standard bedding plant and a floral joy.

These things do not just *happen*. They mean work, study, expense.

There are disappointments as well as joys in Canna breeding — sudden reversions and breaks in type. It needs an

optimist and a “continuist” like Antoine Wintzer to become a successful hybridizer.

Sometimes several generations of crossing is required before a perfect type is obtained. Gladiator is one of the Swastika Brand of Cannas

that needed such attention. Several hundred fine spotted yellows were produced and discarded before it arrived to the full standard of requirements.

So the coming of the Canna has been no happy-go-lucky thing. It is the result of selection and hybridization — the wise exercise of judgment and unflinching love for the task.

Considering the wide range of colors, the Canna breeds truer to type than most plants and also contains fewer duplicates.

Antoine Wintzer has probably done more towards bringing the Canna into



Antoine Wintzer has made Canna history. His forty thousand hand hybridized crosses have given to us some of loveliest of the Canna creations.

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its own than any other man in America. He has handled between forty and fifty thousand seedlings. He has cared for and watched over them with remarkable results.

Some of the best known and highly valued Canna specimens trace to his breeding. *He grows Cannas with care for people who care.* Out of twenty-seven hundred seedlings recently planted out, he selected only two as being good enough for The Conard & Jones Co.'s customers. Every Canna is tested for three years before it is put on the market. The development is all in line, both bloom and foliage requiring equal attention.

Swastika Brand Cannas mirror this understanding. They have clear, clean foliage and fully developed blooms and give to us a continual feast of color and beauty, from June until Jack Frost comes. Their stateliness and continuity of bloom is causing the Canna to become recognized as the premier plant for display bedding. It is easy of culture, unexacting, appreciative. It gives better returns for less labor than other bedding plants, and is being received everywhere in a whole-hearted and enthusiastic manner.



ROSEA GIGANTEA

Rosea Gigantea before the Agricultural Department Building at Washington.

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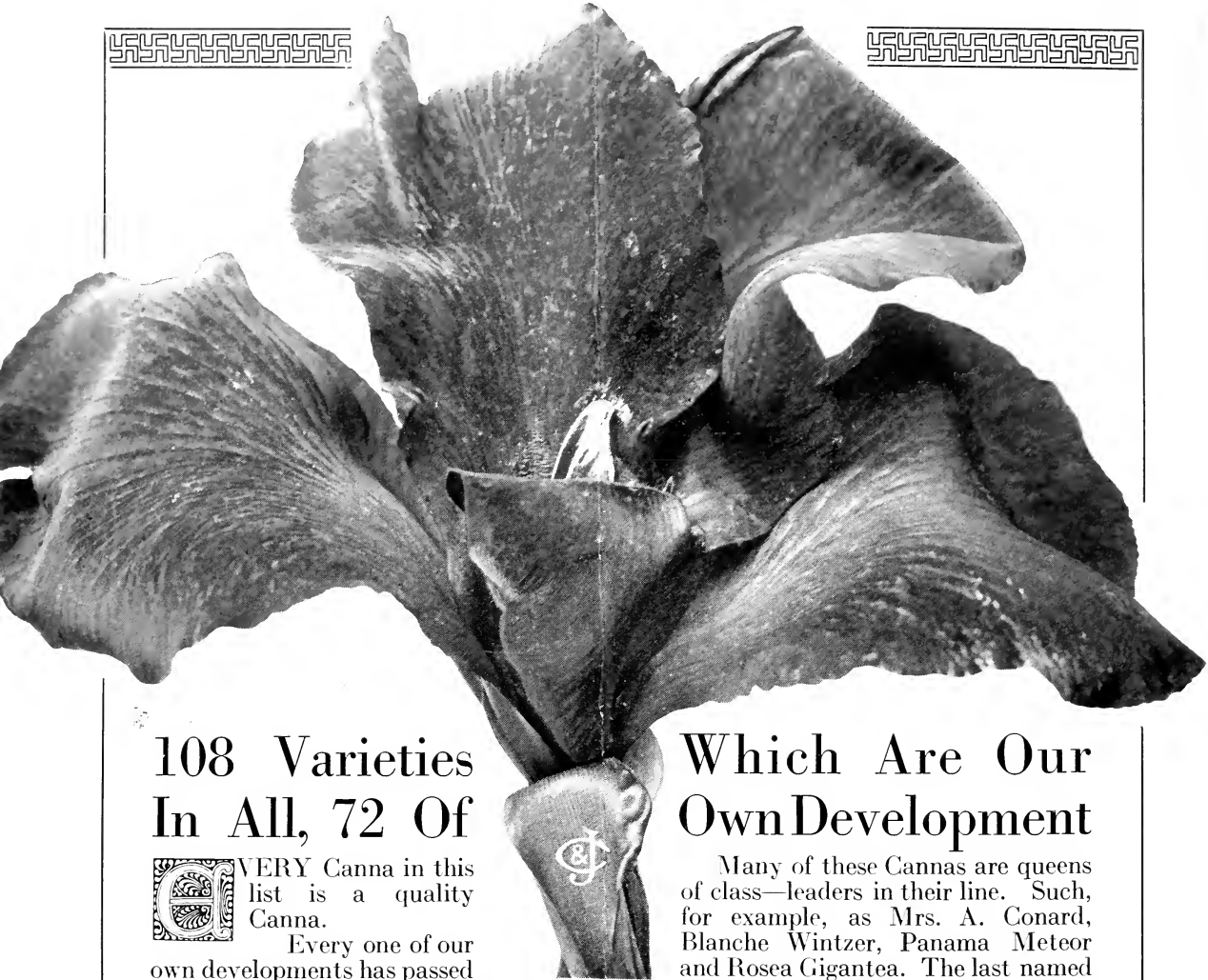
The Naming of the Swastika Brand of Cannas

THE Swastika means the four winds of Heaven—good luck. For years we used the little symbol in our catalogue listing, to denote Cannas of our own development. Sort of a private mark, as it were. Our customers gradually dropped into the way of asking for Swastika Cannas. So what could be more natural than its adoption as our special brand name.



Thousands of tourists visit these grounds and the "White House" annually, and the beds of Swastika Cannas one only of which is shown in this picture give rise to much talk and admiration.

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108 Varieties In All, 72 Of

EVERY Canna in this list is a quality Canna.

Every one of our own developments has passed through the three years' exacting test given by Mr. Wintzer to all the Cannas developed by Conard & Jones. They took years of devotion and care on his part, backed by the Conard & Jones capital and confidence.

Which Are Our Own Development


Many of these Cannas are queens of class—leaders in their line. Such, for example, as Mrs. A. Conard, Blanche Wintzer, Panama Meteor and Rosea Gigantea. The last named was awarded a prize from the Royal Horticultural Society of England.























Many others in our list have won sweeping recognition in European and American Horticultural prize-winning events.

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108 Of The Most Desirable Cannas

Up-to-date Varieties

This sign  indicates varieties originated and introduced by The Conard & Jones Co.

- Allemania.** (5 ft.). Orchid flowering, green foliage. Outer petals are bright scarlet, with a broad yellow border, the inside colors being scarlet and dark red, beautifully mottled and variegated.
- Alphonse Bouvier.** (5 ft.). Green foliage. Flower is bright flashing crimson; very rich.
-  **Alsace.** (4 ft.). Green foliage. Flowers creamy white and freely produced. The original "near white."
- Austria.** (5 ft.). Orchid flowering, green foliage. Large flowers, 6 to 7 inches across; color pure golden yellow.
-  **Beacon.** (4 to 4½ ft.). Green foliage. Flowers of very rich cardinal, which are produced in great masses. A remarkable bloomer.
-  **Betsy Ross.** (3 ft.). Green foliage. Flowers beautiful pink, and borne freely on large bloom heads.
- Black Beauty.** (5 ft.). *Bronze foliage.* This Canna is grown for foliage only, which is a dark, shining purple bronze, with edges crimped and wavy. Flowers insignificant.
-  **Black Beauty Improved.** (5 ft.). Has *bronze foliage.* Almost as handsome as Black Beauty, while the brilliant red flowers are of considerable size.
-  **Black Prince.** (5 ft.). Green foliage, with *mahogany-colored stems.* Flowers are an intense, deep, velvety maroon.
-  **Black Warrior.** (3½ ft.). Green foliage. A free bloomer, with a very rich, dark maroon flower.
-  **Blanche Wintzer.** (3½ ft.). New 1913. One step nearer the perfect white Canna; whiter and larger than Mont Blanc, which for ten years has been the best. Mr. Wintzer looks upon Blanche Wintzer as one of his greatest triumphs, so exquisitely white and pure are its glistening petals. A rather dwarf grower, with green foliage, fine for bordering beds, for individual specimens, and for indoor bloom. Florists' Exchange, September 28, 1912, says: "This is the finest white Canna, undoubtedly, the world has ever seen."
-  **Brandywine.** (3½ ft.). *Bronze foliage.* Flowers are brilliant red, and borne in great abundance the entire season. Splendid for mass planting.
-  **Brilliant.** (4 ft.). Green foliage. Pure golden-yellow flowers, with two curling, tongue-like petals of fiery red that dart from the center.
- Burbank.** (4½ ft.). Orchid flowering; green foliage. Color rich canary yellow, the throat finely spotted crimson.
-  **Buttercup.** (3 ft.). Green foliage. Flowers pure Buttercup yellow, very bright. Considered a most charming yellow Canna.
-  **California.** (4 ft.). Green foliage. Flowers are a pure, rich orange gold, medium size and borne freely. One of the most attractive colors in Cannas.
-  **Chameleon.** (5 ft.). Green foliage. Flowers open a rich orange, striped with red, then turn to yellow and rose pink, while cutely curled in the center of each is a bright tongue of solid red. Very conspicuous.
- Charles Henderson.** (4 ft.). Green foliage. Flowers of deep crimson, with flame-yellow throat.
-  **Chautauqua.** (4 ft.). *Bronze foliage.* Flowers are an intensely vivid, pure, rich scarlet. A luxurious tropical-looking Canna. Splendid for massing.
-  **Cherokee.** (4 ft.). Green foliage. Flowers large size; color is an intensely deep, rich maroon, and the velvety blossoms are borne on large, branching trusses.
- Chicago.** (4½ ft.). Green foliage. Flowers are light cherry scarlet, with a faint, purplish gloss.
-  **Cloth of Gold.** (3 ft.). Green foliage, striped with bronze. Flowers are orange, tinted with gold and coppery red.
- Comte de Bouchard.** (4½ ft.). Green foliage. Flowers an intensely bright, light-colored yellow, dotted with red. A very striking variety, especially when planted with other colors.
- Comte de Sachs.** (4 ft.). Green foliage. Flowers are clear crimson scarlet, very bright and borne on great heads well above the foliage.
-  **Conowingo.** (6 ft.). *Bronze foliage.* Flowers large; color an intense, deep, fiery scarlet. Very free bloomer and fine for massing.
-  **Coronet Improved.** (3 ft.). Green foliage. Flowers clear yellow, large and borne in long spikes. Always bright and showy.
- David Harum.** (3 ft.). *Bronze foliage.* Flowers bright vermillion scarlet, mottled dark red.
- Director Holtze.** (4 ft.). Green foliage. Flowers are a dazzling yellow, with rose markings. Especially desirable where a bright, sunny looking bed is wanted.
-  **Dr. Nansen.** (2½ ft.). Green foliage. Considered the best dwarf yellow Canna and in great demand for bordering beds of taller Cannas.
-  **Duke of Marlborough.** (4 ft.). Green foliage. Flowers dark, rich, velvety crimson; fine, shapely flowers in large, well-filled trusses. Used in great quantities by landscape architects for mass effects.
-  **Duke of York.** (4½ ft.). Green foliage. Flowers bright pink, with creamy throat and yellow petals edged with gold. Exceptionally pretty.
-  **Eastern Beauty.** (4 ft.). *Bronze foliage.* Flowers a charming shade of light salmon and orange.
- Egandale.** (4 ft.). *Bronze foliage.* Flowers are pretty cherry-red color, and borne well above the foliage.
-  **Eldorado.** (3½ ft.). Green foliage. Flowers are bright golden yellow, faintly dotted with red.
- Elizabeth Hoss.** (3½ ft.). Green foliage. A very attractive, medium-sized flower. Color is pure yellow, with bright red dots.
-  **Evolution.** (4 ft.). *Bronze foliage.* Flowers rich pink, with a golden tint, shading to a center of beautiful bluish pink. Most charming in effect.
- Express.** (2½ ft.). Green foliage. Flowers bright scarlet crimson. Excellent for bordering on account of its dwarf habit and bright color.
- Fire Bird.** (4 ft.). Green foliage. Flowers rich fiery red. Very effective and much admired when planted in masses. Useful in landscape gardening.
- Florence Vaughan.** (4 ft.). Green foliage. Flowers rich golden yellow, thickly spotted with bright red.
-  **George Washington.** (3½ ft.). Green foliage. Flowers deep velvety crimson, beautifully shaded. A very free bloomer.

See prices in our General Catalogue.

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- ❖ **Gladiator.** (1½ ft.). Green foliage. Flowers very large and an attractive shade of crimson. Good for center of beds.
- ❖ **Gladiolora.** (3½ ft.). Green foliage. Remarkable for the unusual shape of the flowers, which look like large Gladioli. Petals are rounded and so wide they overlap each other. Color is crimson, changing to carmine rose, edged with gold. The bright, firm, well-formed blooms show up attractively always.
- Gustav Gumpfer.** (3½ to 4 ft.). An ideal rich yellow bedding Canna; the flowers of good size are held well above the foliage; habit of growth very uniform.
- ❖ **Halley's Comet.** (3½ ft.). Green foliage. Flowers firm and very large; color is a bright scarlet, with a throat of pure yellow and a narrow thread of yellow all around each petal's wavy edge. An unusually fine Canna, that attracts attention and admiration always.
- ❖ **Hiawatha.** (3 ft.). *Bronze foliage.* Flowers delicate rosy pink, with border of clear cerise. Crimped petals.
- Hungaria.** (3½ ft.). Green foliage. Flowers large and borne in trusses of enormous size, borne well above the foliage. Color is bluish pink, with satiny sheen.
- Indiana.** (6 ft.). Green foliage. Glistening golden orange. Single blossoms often 7 inches across. An Orchid-flowering variety.
- Italia.** (4 ft.). Green foliage. Flowers are brilliant red and yellow. An Orchid-flowering variety.
- J. D. Eisele.** (3½ ft.). Green foliage. Flowers bright vermilion scarlet, overlaid with orange. A fine bedder.
- Jean Tissot.** (5 ft.). Green foliage. Flowers brilliant vermilion with bright orange shading.
- ❖ **Jennie Walls Fahnlina.** (4½ ft.). Green foliage. This glorious combination of pink and primrose arouses enthusiasm always on account of its dainty coloring and unique markings. The lips of the petals are flashing carmine pink, which shades toward a throat of soft primrose, delicately dappled pink. Each petal is faintly edged with gold. Effect is dainty, artistic and fascinating.
- ❖ **Juanita.** (4 ft.). Foliage, heavily bronzed. Flowers of rich chrome yellow harmonize beautifully with the attractive foliage. An unusual and lovely colored Canna.
- ❖ **Jupiter.** (6 ft.). Deep purple foliage. Some leaves 1 ft. wide and 3 ft. long. Flowers are medium size and color a very rich red.
- ❖ **Kate F. Deemer.** (4 ft.). Green foliage. The grand flowers are a rich, oriole yellow, which gradually gives place to turkey red in the center. The throat of the flower is in striking contrast with the rest of the blossom, which turns almost white. The rich yellow buds on reddish-brown stems, combined with the yellow and white flowers make a fascinating combination.
- King Humbert.** (4 ft.). *Bronze foliage,* with brownish-green stripes, large, thick and leathery. Flowers large; color bright orange scarlet, streaked with crimson.
- Long Branch.** (6 ft.). Green foliage. Flowers magnificent vermilion scarlet, with golden-yellow border; throat flamed yellow.
- ❖ **Lorraine Improved.** (5 ft.). Green foliage. Flower is a delicate rose pink distinctly bordered with cream. The lower petal is cream, splashed with pink. Very attractive.
- ❖ **Louise.** (5 ft.). Green foliage. Flowers are soft rose pink, delicately dappled with red. Exceptionally fine.
- ❖ **Louisiana.** (7 ft.). Green foliage, edged with bronze. Flowers are very large and silky, borne well above the foliage. Color is vivid scarlet. Louisiana is one of the finest Orchid-flowering Cannas in existence.
- ❖ **Loveliness.** (3 ft.). Green foliage. The color of this exquisite Canna is most difficult to describe, but we think that "bright ruby carmine" will convey to our customers the entrancing loveliness of this most charming variety. The blooms are formed on large heads which are borne erect, and the individual flowers, with firm, well-made petals, are of the new Gladiolora type introduced by us. The foliage harmonizes perfectly with the beautiful flowers.
- ❖ **Luray.** (4 ft.). Green foliage. Flowers are clear, bright pink. Excellent for massing.
- Madame Crozy.** (3½ ft.). Green foliage. Flowers rich orange scarlet, edged with bright golden yellow.
- Millie Berat.** (4 ft.). Green foliage. Flowers are charming bright pink. Splendid for massing.
- ❖ **Maid of Orleans.** (4½ ft.). Green foliage. Ground color is rich cream over which is shaded and mottled in beautiful fashion an attractive pink. The flowers are very large, and the foliage is probably the richest of any of the green-leaved kinds, being a soft olive green with the edges tastefully crimped and distinctly marked with bronze.
- ❖ **Martha Washington.** (3 ft.). Green foliage. Flowers bright rose pink. Considered one of the finest in this color.
- Mephisto.** (3½ ft.). Green foliage. Flowers are very dark velvety crimson. A very rich looking, attractive Canna.
- ❖ **Meteor (Wintzer's).** (5 ft.). Green foliage. We've had a 10 ft. bed of Meteor on our office grounds. The almost solid mass of deep, dazzling, crimson bloom produced is spectacular. For thirteen weeks have we watched and marveled as each morning fresh flowers renewed the brilliant scene. Undoubtedly our best red, and one that will always be in the front rank where a bright, brilliant crimson color is desired.
- ❖ **Minnehaha.** (4 ft.). Blossoms are extra large, and borne in great clusters; petals are long, gracefully curved and have wavy edges. The color reminds one of a dainty, transparent seashell, deepening through shades of gold and cream to a center of peach-blow pink. Foliage is golden bronze, which harmonizes charmingly with the lovely delicate-colored flowers.
- ❖ **Mont Blanc Improved.** (3½ ft.). Green foliage. Almost pure white. This is the predecessor of Blanche Wintzer (introduced 1913). For 10 years it has held the field as the largest, near-white Canna in existence.
- ❖ **Mount Etna.** (4 ft.). *Purple foliage.* Flowers intense, brilliant carmine, borne erect in large, bold trusses. Very effective with the rich, dark foliage.
- ❖ **Mrs. Alfred F. Conard.** (4 ft.). Green foliage. This has become the most popular pink Canna ever introduced, and it is unsurpassed for planting, either singly or in large beds. Its exquisite salmon-pink flowers are of largest size, in erect and abundantly furnished heads so freely produced as to keep a superb showing for months.
- ❖ **Mrs. Carl Kelsey.** (6 to 7 ft.). Green foliage, with a narrow edge of purple. Erect, full heads of enormous flowers, orange scarlet, flaked and striped with golden yellow; petals wavy edged. We know of no other Canna so marvelously marked—an ornament to any garden. Orchid flowering.
- Mrs. George Strohlein.** (6 ft.). *Bronze foliage.* Flowers are large and of unusual color, being a bright shade of amaranth red. Good for massing.

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Mrs. Kate Gray. (5 ft.). Green foliage. Flowers rich orange scarlet, finely flaked and streaked with golden-yellow tints. Large Orchid-flowering variety.

Musafolia. (8 ft.). Bronze-green foliage. Grown for foliage only, which on account of its enormous Musa-like leaves, 3x5 ft., and great height was once but is no longer in demand.

¶ **New York.** (5 ft.). Rich purple-plum-colored foliage. Flowers of great size produced freely and well above the foliage. Color is almost scarlet. Very choice.

¶ **Niagara.** (3 ft.). Green foliage. Flowers rich, deep crimson, with a wide, irregular border of deep golden yellow; a most popular variety for bordering beds of other Cannas.

¶ **Olympic.** (5 ft.). Green foliage. The color effect presented by Olympic is new in Cannas and most fascinating. It is a distinctly new departure being a most captivating shade of rich orient red, with center flamed a lighter shade and dappled carmine. Individual blossoms are of the largest size, and the huge, twenty-flowered clusters make heads that are simply immense.

¶ **Panama.** (3 ft.). Green foliage. The color of this splendid Canna is unusual, being an attractive, rich orange red, with a well-defined edge of bright, golden yellow. The flowers are very large, the petals being almost round and as broad as they are long. One of the most striking Cannas ever produced.

Patric. (4 ft.). Green foliage. Flowers light crimson and of large size. Good for planting, either singly or in masses.

Pennsylvania. (6 ft.). Green foliage. Flowers immense. Pure, deep scarlet. A very fine Orchid-flowering variety. Much like Louisiana.

Pfitzer's Meteor. A pink, not to be confused with Wintzer's Meteor, which is red.

¶ **Philadelphia.** (3 ft.). Green foliage. This is one of the most satisfactory dwarf crimson Cannas yet produced.

¶ **Pillar of Fire.** (6 to 7 ft.). Green foliage. The giant of its class; flowers bright crimson scarlet, borne in erect spikes like blazing torches.

President Cleveland. (3 ft.). Green foliage. Large flowers of rich, bright orange scarlet.

President McKinley. (2½ ft.). Green foliage. Deep, rich crimson flowers, beautifully formed. A low, compact grower.

President Meyer. (4 ft.). A glorious Canna, with large flowers in immense trusses; color rich cherry carmine; bronzy foliage.

Queen Charlotte. (2½ ft.). Green foliage. Flowers rich pomegranate red, bordered with bright golden yellow.

¶ **Queen of Holland.** (3 ft.). *Bronze foliage.* Flowers deep, rich orange. Very effective.

Richard Wallace. (4 ft.). Green foliage. Flowers large and color a pure yellow. A very fine variety for bedding.

Robusta. (8 ft.). Green foliage. Makes giant tropical foliage and is used for making screens and backgrounds of green. This variety is grown for foliage only.

¶ **Rosea Gigantea.** (4 ft.). Green foliage. A rich, rose-pink flower of giant size, and a prodigious bloomer. The color is unusually pleasing, a very rich, yet soft rose to carmine pink, while its great elephant ear petals are made up into flower heads of such wondrous size that, when seen for the first time they invariably create a sensation. In great favor at the Nation's Capital, Washington, D. C.

¶ **Sam Trelease Improved.** (3½ ft.). New. Green foliage. Flower is most exquisite in color. An intense Poppy red, with a thread of Buttercup yellow around the edge of each petal. Tips of petals are solid Poppy red, which toward the throat gradually shades to bright yellow mottled and striped with red on the throat.

¶ **Shenandoah.** (4 ft.). *Bronze foliage.* Flowers waxy rose pink. Highly ornamental.

Souvenir d'Antoine Crozy. (3 ft.). Green foliage. Beautiful red, bordered with golden yellow. Very popular for bordering other Canna beds.

¶ **Splendor.** (4½ ft.). Green foliage. The most impressive quality in this Canna is the firm, well-spread out formation of the flowers, which are an intense scarlet color and very large. It makes 2 to 3 bloom heads on each stalk, insuring flowers practically all the time, as new blooms are constantly appearing before the older flowers fade.

¶ **Striped Beauty.** (3 ft.). Green foliage. Flowers are canary yellow and buff, very prettily streaked with lines of rich, glowing crimson that radiate from a center of deep red. (See cut page 22.)

¶ **Triumph.** (3 ft.). Green foliage. Flowers are a handsome shade of deep, rich crimson, held erect on fine, well built trusses and strong stems.

Uncle Sam. (6 to 7 ft.). Green foliage. Very stately in appearance. Bears enormous bunches of brilliant orange-scarlet flowers. An extra-fine, Orchid-flowering variety.

Undine. (3½ ft.). One of the best of its type, and good for massing or as single specimens in the border. Its growth is dwarf and graceful, with green foliage. Its flowers, which are produced very freely, are of a bright orange scarlet, broadly edged with golden yellow.

¶ **Venus.** (4 ft.). Green foliage. This is one of the prettiest Cannas in existence. The flowers are a gay, rosy pink, with a well defined border of creamy yellow. Blooms all the time with heads erect and flowers bright.

¶ **Wabash.** (4 ft.). The bronze-leaved Rosea Gigantea. Flower is unusually large, petals broad and borne in great abundance well above the magnificent foliage of deep purple brown. Well described as Bronze-leaved Rosea Gigantea, for this flower has the same great size and carmine-pink color as that famous novelty, adding the advantage of handsome bronze foliage.

¶ **Wawa.** (3 ft.). Green foliage. The color of this Canna is an indescribably lovely soft pink, and the medium-sized flowers are borne in great profusion on strong, upright stems. This variety is very popular with visitors to our nurseries.

¶ **West Grove.** (4½ ft.). Green foliage. Flowers are large, well formed, and color an attractive rich coral pink.

¶ **Wintzer's Colossal** (1914). (5 to 6 ft.). Green foliage—Orchid flowers 8 inches across—vivid scarlet, unquestionably the largest Canna in Commerce and in size and brilliancy—far ahead of its nearest rival.

¶ **Wm. Saunders.** (4 ft.). This *bronze-leaved* variety is a rival and superior to King Humbert in that it continues a blaze of beauty all Summer when King Humbert is "off show." The flowers, often 5 inches across, are bright scarlet. See illustration, page 6.

Wyoming. (7 ft.). Purple foliage. One of the most majestic Cannas. Blossoms orange colored, true Orchid shape, with large, rounded petals that flap and flutter in the breeze like glistening silken flags.

Zenith. (5 ft.). Orange pink or salmon, with the tongue pure orange; unlike any other Canna. A large flower.

See prices in our General Catalogue.

Swastika Brand Cannas
West Grove, Pa.

Some Suggestions for Circular Beds

THE circular or ornamental bed is peculiarly the Canna's ground. Here it has the opportunity to display to greatest advantage its mass of foliage and variety of bloom. Some people prefer circular beds of only one variety, but that is merely a personal opinion. Plant not less than 18 inches apart each way. See page 17.

High Centered Beds in Solid and Mixed Colors

| | TALL FOR CENTER | MEDIUM FOR MIDDLE | DWARF FOR OUTSIDE |
|-----------------|-----------------|-------------------|-------------------|
| All Pink | Louise | Mrs. A. F. Conard | Wawa |
| All Red | Uncle Sam | Chautauqua | Philadelphia |
| All Yellow | Indiana | Gladiator | Buttercup |
| All Bronze Leaf | Wyoming | King Humbert | Queen of Holland |
| Mixed Colors | New York | California | Niagara |
| Red Mixed | Conowingo | Meteor | Express |
| Red and White | Meteor | Mont Blanc | Loveliness |

BEDS OF TWO COLORS may be had by using any two adjoining varieties found on the same line.

Beds All Of One Color

May be made from any variety above named, or the following:—

PINK
 Loveliness
 Venus
 Rosea Gigantea
 Wabash, B.

YELLOW
 Brilliant
 Elizabeth Hoss
 Kate F. Deemer

VARIEGATED
 Gladioliflora
 Halley's Comet
RED
 Patrie

In Circular Beds

Arrange Cannas thus :

In center, 1 plant
 1st circle, 6 plants
 2d circle, 12 plants
 3d circle, 18 plants
 4th circle, 24 plants
 each circle taking 6 more

Swastika Canna Chart

Easy to choose from a chart like this.

All the popular varieties separated into color groups and arranged in order of height.

| (Height varies with climate and care) | Shades of Pink | Spotted and Variegated | Yellow or Orange | Reds |
|---------------------------------------|--|---|--|--|
| Dwarf up to 3 ft. | Betsy Ross, 3 ft. Hiawatha, B., 3 ft. Hungaria, 3½ ft. Loveliness, 3 ft. Martha Washington, 3 ft. Wawa, 3 ft. | Mme. Crozy, 2½ ft. Niagara, 3 ft. Panama, 3 ft. Queen Charlotte, 2½ ft. Sam Trelease, Imp., 3 ft. Souv. de A. Crozy, 3 ft. | Buttercup, 3 ft. Director Holtze, 4 ft. Dr. Nansen, 2½ ft. Queen of Holland, 3 ft. | Express, 2½ ft. Philadelphia, 3 ft. Triumph, 3 ft. |
| Medium 3 to 5 ft. | Evolution, B., 4 ft. Luray, 4 ft. Minnehaha, 4 ft. Mrs. Alfred F. Conard, 4 ft. Rosea Gigantea, 4 ft. Venus, 4 ft. Wabash, B., 4 ft. | Duke of York, 4½ ft. Elizabeth Hoss, 3½ ft. Florence Vaughan, 3½ ft. Gladiolora, 3½ ft. Halley's Comet, 3½ ft. Maid of Orleans, 4½ ft. | Brilliant, 4 ft. California, 4 ft. Eastern Beauty, B. 4 ft. Eldorado, 3½ ft. Juanita, B., 4 ft. Kate F. Deemer, 4 ft. | Beacon, 4½ ft. Black Warrior, 3½ ft. Brandywine, B., 3½ ft. Chautauqua, B., 4 ft. Cherokee, 4 ft. Comte de Sachs, 4 ft. Duke of Marlborough, 4 ft. Egandale, B., 4 ft. George Washington, 3½ ft. Giant Crimson, 4½ ft. Mephisto, 3½ ft. Mt. Etna, B., 4 ft. Patrie, 4 ft. Splendor, 4½ ft. Wm. Saunders, B., 4 ft. |
| Tall 5 ft. and up | Louise, 5 ft. West Grove, 5 ft. | Comte de Bouchard, 4½ ft. Gladiator, 5 ft. Jennie Walls Fahline, 4½ ft. | Zenith, 5 ft. | Black Beauty, Imp., B., 5 ft. Black Prince, 5 ft. Conowingo, B., 6 ft. Jupiter, B., 6 ft. Meteor, 5 ft. New York, B., 5 ft. Olympic, 5 ft. Pillar of Fire, 6-7 ft. |
| Orchid Flowering Type | | Italia, 4 ft. Allemania, 5 ft. Mrs. Carl Kelsey, 6½ ft. | Burbank, 4½ ft. Austria, 5 ft. Indiana, 6 ft. Wyoming, B., 7 ft. | King Humbert, B., 5 ft. Uncle Sam, 6½ ft. Louisiana, 7 ft. |

Note.—All have green foliage except kinds marked "B," which indicates Dark or Bronze Foliage.

Swastika sign indicates kinds originated and introduced by The Conard & Jones Co.

This chart will be found a great convenience in planning beds where you require not only color harmony but tall kinds for the center or back, and dwarf ones for the outside row, etc.

KEEP IT FOR REFERENCE

Swastika Brand Cannas
West Grove, Pa.

C. & J. Lily-Canna Seed



It is not generally known that C. & J. Lily-Cannas can be grown from seed and that the bloom will be almost as fine as if grown from roots or plants. Growing from seed is fascinating, because of the uncertainty of the color blooms that happen.

We save the seed from our best Cannas each year, and have them to offer to those who prefer to get their flowers in this way. In our catalogue will be found an excellent assortment of seeds picked from such famous kinds as Mrs. Alfred F. Conard, Olympic, Halley's Comet, etc. These seeds will not all come true to the parent plant, but they are sure to produce some magnificent and as yet unheard of flowers. C. & J. Canna seeds *cannot be duplicated* anywhere, and we offer them from 10c. to \$1.00 per packet.



BLANCHE WINTZER, the loveliest specimen of a pure white Canna known. Three and a half feet high with green foliage and glistening white petals, it makes a wonderfully impressive border. As an indoor plant it is in exquisite taste.



GLADIATOR is a bright, clean Canna that stands firmly upon its five feet of stem, well clothed with green foliage. Fights sun and wind well; flowers intense yellow spotted with bright red. One of the most attractive Cannas we have.

The Conard & Jones Co.
West Grove, Pa.

Planting Helps



Of course Cannas will grow after a fashion, treated carelessly. It will be a spindly, sickly, dwarfish fashion, though.

But you don't want Cannas like that. You want the best. And the only way to get the best things is by going after them in the best way. So here are a few hints—practical hints—that it is hoped will help the Canna and you to become firmer friends.

Location of Bed

In preparing the Canna bed in the Spring dig deep. The Canna loves deep, rich soil. If the bed can be in a sunny spot, so much the better, although shade from a building will not seriously injure it.

Locate your Canna beds where the roots of large trees will not rob them of moisture. But don't think your beds need to be in the middle of a lawn. Excellent results are obtained from marginal beds, made against an unsightly fence, flanking verandas, wall foundations, or in clusters where there is a bareness of vegetation.

Planting

The time for planting the Canna is when all danger of frost is over. If your Canna roots have been lying dormant all Winter, separate the roots in March or April, according to the weather in your particular locality; select those which show three or four eyes. These generally make strong and vigorous plants. If you want particularly early plants, pot them in rich soil and when they have developed about six inches growth, transplant them to their outdoor quarters, carefully packing the soil firmly around the roots.

To grow the Canna from seeds first soak them for a few days. This softens the hard shell and gives the germ a chance to come through. It also hastens the process to nick the shell with a sharp knife.

When each seed is open at the germ end, plant in box or pot, cover with soil half an inch deep, and place in warm situation. When big enough to handle repot and harden off. This will be in about four weeks from planting the seeds, and in six weeks they will be ready for the bed.

In planting circular beds, put one Canna in the center first, then plant successive circles eighteen inches apart, leaving that distance between each plant also.

Too crowded planting keeps out the air and sunshine, and results in poorer blooms, and less foliage. Let the sunshine in; you will get better, brighter, bigger blooms.



A sensational 卐 Swastika Brand Canna, with green foliage and prodigious flowers of a rich rose-pink.

Dry Weather Helps

THE Canna loves moisture, and ought to be supplied with it unstintingly.

Its big, broad, thick leaves and rapidly growing stems require lots of feeding. A liberal dose of liquid manure applied at frequent intervals makes the Canna excel itself.

The hose should be used frequently to thoroughly soak the bed. When you see a dead bloom, pick it off. It will hasten the coming of the next one. Keep the bed clear from weeds, and never let it get baked hard. When a stalk is done blooming, cut it off and don't let it go to seed.

The health and happiness of your Cannas depend a great deal upon your help, especially in dry weather.

Winter Care

After the first frost has caused the Cannas to hang their heads and droop their foliage, cut them down to three inches. The first bright day that comes, lift them with a spade, being careful to avoid breaking or damaging the tuberous roots.

When your Canna roots are dug, place them bottom upwards in the warm sun for a couple of hours to dry out. Then store them in a cool cellar, keeping the temperature about 45 to 50. Above that promotes too rapid growth, but cold stunts them and frost kills.

On a rack, up from the floor, is a good place; the cellar floor if dry is also suitable, as you can get at them easily for frequent examination. Should they get too dry, moisten with water; but do not give too much or it may tend to rot them.

For Winter Blooming Joys

NOT alone is the Canna an outdoor Summer comrade, but a delightful Winter friend as well.

Planted in pots, the dwarf sizes, with their semi-tropical foliage and glorious diversity of blooms, make admirable plants for conservatory or greenhouse growing.

For sheltering or screen effects, during social functions, the taller sorts are a most welcome departure from the monotony of the usual palms and kindred foliage plants to which so many seem such slaves.

Why don't you try some this year, either from seed or roots. They are great bloomers, something you can't say of most foliage plants.

You will find that Wawa, Panama, Buttercup, Betsey Ross, and Mrs. Alfred F. Conard, are the best of the green foliaged variety; and Wm. Saunders, Juanita and Kate F. Deemer of the bronze. They are all dwarfs, and have rare individual blooms. King Humbert and W. Colossal are other specimens of gorgeous beauty and charm, well adapted for Winter blooming.

Cannas planted in the open in late July or early August, and then lifted and carefully potted, will be a source of joy indoors all Winter long. The Canna is practically pest free, another thing in its favor.

Try them, and you will become a "*Swastika Brand*" Booster.



MRS. ALFRED F. CONARD. A luxurious Swastika Canna of deserved popularity. It bears a wealth of delicate salmon pink blooms of large size and beauty. Its foliage is of a lovely dark green.

Swastika Brand Cannas
West Grove, Pa.

C. & J. Star Roses

THAT same exceptional care that has brought to us such a Canna reputation has built for us a strong position in Roses.

Roses are quite the largest part of our business.

We do not claim that you can buy your Roses cheaper from us than others, but we do claim that for the high quality of stock that we send out, it is hard to match, regardless of price.

Strong, fibrous roots



and a vigorous constitution are the important things. Don't be led astray by rank top growth.

To survive the heat of Summer and develop as desired the first season, well developed roots are the thing. Any gardener will tell you that.

Our catalogue describes and illustrates selected Roses for every conceivable purpose. It is rich in Rose suggestions and replete in Rose helps.

This catalogue we want you to have.

Send for General Catalog

Many catalogues are dull and drab.

C. & J.'s is an exception. It is brim full of interesting items referring to things the gardener and amateur love.

It offers the choicest Roses, Cannas, Seeds, Bulbs, Shrubs, Perennials, Bedding Plants and Vines, but only kinds of proved value.

There are 100 pages of this catalogue of ours.

Kindly send us your name and address and we will send you a copy.

For prices on stock in this book see our General Catalogue.

The Conard & Jones Co.
West Grove, Pa.

